GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2812
ANSWERED ON:15.03.2001
LOSSES TO SEBS AND T & D
MANSINH PATEL;P.C. THOMAS;RATTAN LAL KATARIA;SRIKANTA DATTA NARASIMHARAJA WADIYAR

Will the Minister of POWER be pleased to state:

(a) the international norms at transmission and distribution of power;

(b) the losses occurred in India as compared to international norms;

(c) the present loss of transmission and distribution suffered by the State Electricity Boards; and

(d) the steps taken to improve T&D?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) to (d) : The Transmission & Distribution losses in advanced countries of the world have been ranging between 6-11%. The transmission & Distribution losses in India, however, are not comparable with advanced countries as system operating conditions there are different from those in our country. As per the `Guidelines for Reduction of T&D losses` issued by the Central Electricity Authority, taking into consideration the Indian conditions, it would be reasonable to aim at the figures of T&D losses in between 10-15% in different States.
The percentage Transmission & Distribution losses including losses due to technical reasons and unaccounted losses being assessed by the concerned State Electricity Boards/Electricity Departments from the year 1992-93 to 1997-98 are Annexed.

Central Electricity Authority have reiterated its Guidelines for the reduction of Transmission & Distribution losses to all the SEBs in February, 2001. State Governments/State Power Utilities are being provided funds by the Power Finance Corporation at concessional rates for installation of meters at all levels.

In the Chief Ministers`/Power Ministers` Conference held on 3.3.2001, it was resolved that State Governments/State Power Utilities would take the following steps to reduce technical and commercial losses :

(i) Energy audit at all 11 KV feeders will be made effective within the next 6 months and accountability fixed at the local level.

(ii) An effective Management Information System for this purpose will be made operational.

(iii) On the basis of the above, an effective program will be launched for identifying and eliminating power thefts in the next 2 years.

(iv) Full metering of all consumers will be completed by December 2001.

(v) The quality of power supplied especially in rural areas will be improved through the APDP.

Under the Accelerated Power Development Programme (APDP), 50 distribution circles have been identified in the first phase for strengthening the distribution system.

An Expert Committee has been constituted to assist State Governments/State Power Utilities in the areas of project formulation, implementation and monitoring/evaluation in all the distribution circles. These measures will result in achieving a significant reduction of loss at the distribution stage and will also help in improving the financial health of the State Power Utilities.

Annexure referred to in reply to Lok Sabha USQ No. 2812 for 15.3.2001 regarding Losses to SEBs and T&D.

Percentage Transformation,Transmission & Distribution losses (including commercial losses such as pilferage etc.) in SEBs/Eds.

REGION/SEB/ED 1992-93 1993-94 1994-95 1995-96 1996-97 1997-98

Northern Region:

Haryana	26.78	25.00	30.80	32.39	32.77	34.04
Himachal Pradesh	19.51	18.31	18.21	16.09	18.02	20.13
Jammu & Kashmir	48.28	45.69	48.74	47.52	48.27	49.95
Punjab	19.24	19.37	16.70	18.49	19.10	18.94
Rajasthan	22.74	25.00	24.78	29.27	26.28	26.41
Uttar Pradesh	24.43	24.08	21.69	21.84	24.84	26.18
Chandigarh	26.21	27.27	28.44	33.72	21.88	22.38
DVB (Delhi)	23.56	31.79	34.56	48.57	49.08	47.91

Western Region:

Gujarat	22.03	20.34	20.02	20.08	17.14	21.57
Madhya Pradesh	21.35	20.26	19.61	17.84	19.24	19.58
Maharashtra	17.83	16.22	16.33	16.95	16.55	18.75
D&N Haveli	17.98	12.64	11.35	09.31	08.80	12.90
Goa	21.85	24.50	26.87	26.06	23.50	31.02
Daman & Diu	15.67	22.34	16.30	12.80	08.15	14.69

Southern Region:

Andhra Pradesh	19.88	19.91	17.95	19.34	33.19	32.14
Karnataka	19.55	19.55	19.41	19.06	18.73	19.31
Kerala	21.95	20.00	20.05	21.12	20.59	18.73
Tamil Nadu	17.50	17.18	17.11	16.19	17.65	17.29
Lakshadwaeep	18.72	16.99	17.84	17.23	15.11	15.70
Pondicherry	15.31	15.80	15.00	16.54	17.38	13.56

Eastern Region:

Bihar	22.00	20.35	19.76	15.91	25.31	16.26
Orissa (GRIDCO)	25.25	22.43	23.03	24.17	50.15	50.10
Sikkim	22.55	22.60	21.22	16.47	29.24	22.87
West Bengal	24.87	20.82	21.51	19.26	18.01	19.67
A&N Island	23.62	23.71	22.38	19.25	19.15	20.59

North Eastern Region:

Assam	21.41	22.44	24.18	6.91	25.97	27.32
Manipur	22.35	23.92	25.30	24.85	22.95	21.09
Meghalaya	11.79	18.03	18.47	12.55	19.75	12.28
Nagaland	27.26	33.45	36.12	5.17	26.81	29.79
Tripura	30.64	30.53	31.96	30.86	30.11	31.11
Arunachal Pradesh	32.32	42.04	45.30	37.12	32.61	34.10
Mizoram	29.04	31.89	29.76	25.18	34.35	46.84
All India (Utilities)	21.80	21.41	21.13	22.27	24.53	24.79